Index of Claims

Application/Control No.	Applicant(s)/Patent under Reexamination	
10/626,073	O'TOOLE ET AL.	
Examiner	Art Unit	•
Jyoti Nagpaul	1743	

1	Rejected
=	Allowed

_	(Through numeral) Cancelled
÷	Restricted

N	Non-Elected
_	Interference

A	Appeal
0	Objected

Claim Date Image: Section of the control of the co			<u></u>	ا			_	J		<u> </u>	<u> </u>								j	Ц	1	_
Eu Eu<						_	D-4	_				1	-	•								_
1 51 2 1 3 4 4 54 5 54 5 55 6 55 7 57 8 58 9 59 10 60 11 61 12 63 13 64 15 65 16 66 17 67 18 68 19 69 20 70 21 71 22 73 23 73 24 74 25 75 26 77 28 78 29 79 30 79 30 70 21 73 74 74 25 75 76 77 78 79 30 79 30 80	Ula	um	┢	_	т-		Dat	e T	_	_	т—	1	_ Cla	aim	<u> </u>		r	- '	Jate	-	1	т
1 51 2 1 3 4 4 54 5 54 5 55 6 55 7 57 8 58 9 59 10 60 11 61 12 63 13 64 15 65 16 66 17 67 18 68 19 69 20 70 21 71 22 73 23 73 24 74 25 75 26 77 28 78 29 79 30 79 30 70 21 73 74 74 25 75 76 77 78 79 30 79 30 80	Final	riginal	9	1									Final	riginal								
2 1 3 4 4 5 5 5 6 6 7 7 8 8 9 6 10 60 11 61 12 63 13 63 14 64 15 65 16 66 17 67 18 68 19 69 20 70 21 71 22 73 23 73 24 74 25 75 26 77 27 77 28 78 29 79 30 80 31 81 32 82 33 84 34 84 39 89 40 90 41 91 42 92			Ø	b_				L	乚									L				
3 4 4 5 5 5 6 55 7 55 8 56 9 59 10 60 11 62 13 63 14 64 15 66 16 66 17 68 19 69 20 70 21 72 23 73 24 74 25 75 26 76 27 77 28 79 30 80 31 81 32 83 33 83 34 84 35 86 37 88 39 90 41 91 42 92 43 94 44 94 44 94 44 94			Ė	1_	L			L	乚	L		1		51								I
4 5 5 55 6 55 7 57 8 9 10 60 11 60 12 63 13 63 14 64 15 65 16 66 17 67 18 68 19 69 20 70 21 72 23 73 24 74 25 76 27 77 28 78 29 79 30 80 31 82 33 83 34 84 35 86 36 86 37 87 38 88 39 90 40 90 41 91 42 92 43 94 44 94 <t< td=""><td><u> </u></td><td>2</td><td>Ц</td><td>_</td><td>_</td><td></td><td>_</td><td><u> </u></td><td>ᆫ</td><td>∟</td><td>╙</td><td></td><td><u> </u></td><td></td><td></td><td></td><td><u> </u></td><td><u>L</u></td><td>匚</td><td><u>_</u></td><td>_</td><td>ļ</td></t<>	<u> </u>	2	Ц	_	_		_	<u> </u>	ᆫ	∟	╙		<u> </u>				<u> </u>	<u>L</u>	匚	<u>_</u>	_	ļ
5 6 7 7 8 9 10 60 11 61 12 62 13 63 14 64 15 65 16 66 17 66 18 69 19 69 20 70 21 71 22 72 23 73 24 74 25 75 26 76 27 77 28 78 29 79 30 80 31 79 32 82 33 83 34 84 35 86 36 86 37 87 38 89 40 90 41 91 42 92 43 94 44 94 <	<u> </u>	3	Ц	Ш_	↓_	_	<u> </u>	╙	<u> </u>	<u> </u>	<u> </u>	1		53			L_	$ldsymbol{ld}}}}}}$	_	_	_	ļ
6 7 56 57 8 58 59 10 60 61 11 61 62 13 63 63 14 64 65 15 65 66 17 66 66 17 66 66 17 66 66 19 69 70 20 70 71 72 23 73 73 73 24 74 74 77 28 77 77 78 28 79 30 80 31 81 82 82 33 83 83 83 34 84 84 84 35 85 85 86 37 87 88 89 40 90 90 90 41 91 92 92 43 93 94 94 446	<u> </u>	4	Н	! _	╀	<u> </u>	<u> </u>	 	_	<u> </u>	<u> </u>	1		54			<u> </u>	_	_	_	<u> </u>	ļ
7 8 9 55 10 60 11 62 13 63 14 64 15 65 16 67 18 68 19 69 20 70 21 71 22 73 24 74 25 75 26 76 27 77 28 73 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 92 43 93 44 94 45 95 46 96 97 97 98 99	<u> </u>	5	Н	⊩	↓_	_	ļ	┡	_	<u> </u>	<u> </u>	ļ		55			_	_	_	_	_	1
8 9 10 60 11 61 12 62 13 63 14 64 15 65 16 66 17 67 18 68 19 69 20 70 21 71 22 72 23 73 24 74 25 76 27 77 28 79 30 80 31 82 33 82 33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 94 44 94 45 95 46 96 47 97			Н	 	╄	-	├_	├-	_	<u> </u>	-			56	•		<u> </u>	_		⊢		ļ
9	-		Н	-	┼	┞	├-	├	⊢	⊢	-	1			Н		├	⊢	⊢	├-	├-	╀
10	-	0	Н	╀	╁	⊢	├	├	┝	-	┝	ł		50	_		⊢	\vdash	⊢	-	-	ł
11 12 61 62 63 63 64 64 65 66 66 66 66 66 66 67 68 66 67 68 68 69 69 69 70 71 72 73 74 72 73 74 74 74 74 75 76 77 78 78 79 <td< td=""><td>-</td><td>10</td><td>Н</td><td>╀</td><td>╁</td><td>⊢</td><td>├</td><td>├</td><td>⊢</td><td>├</td><td>├</td><td>{</td><td></td><td>60</td><td></td><td></td><td>⊢</td><td>⊢</td><td>├-</td><td><u> </u></td><td>⊢</td><td>╀</td></td<>	-	10	Н	╀	╁	⊢	├	├	⊢	├	├	{		60			⊢	⊢	├-	<u> </u>	⊢	╀
12	-		H	+	╁		-	├	├	┝	-	1		61	-		⊢	-	├	\vdash	┢	ł
13	-	12	Н	╁	╁	\vdash	├	╁	┢	 	-	1		62	Н		-	├	\vdash	\vdash	\vdash	ł
14 15 64 65 16 66 67 17 68 69 20 70 71 21 72 73 23 73 74 25 75 76 27 77 78 28 79 79 30 80 81 31 82 83 33 84 84 35 85 86 37 88 85 36 86 87 38 89 90 41 91 92 43 94 94 44 99 99	\vdash	13	Н	+-	┼╌	\vdash	-	╁	╁	\vdash	\vdash	1		63	Н			H	-	\vdash	┢	t
15	-		Н	+	╁╴	H	┢	\vdash	 -	╌	\vdash	ł			Н	_	┝	\vdash		 	-	t
16 17 18 66 19 68 20 70 21 71 22 73 24 75 26 76 27 77 28 78 29 78 30 79 30 80 31 82 33 84 35 86 37 88 38 84 39 89 40 90 41 91 42 92 43 94 45 96 47 97 48 98 99 99	-	15	H	╁╴	╁	\vdash	╁	+-	1-	┨	╁	i		65		-	 	┢	┢	\vdash	⊢	t
17			H	\dagger	\vdash	\vdash	\vdash	\vdash	┢	\vdash	 	l		66	Н		┢	\vdash	 		┢	t
18 19 20 70 21 70 21 72 22 73 24 74 25 75 26 77 28 78 29 79 30 80 31 81 32 82 33 84 35 85 36 86 37 88 39 89 40 90 41 91 42 92 43 94 44 94 45 96 47 97 48 98 49 99		17	П	\vdash	T		\vdash	t	H	 	\vdash	1		67				\vdash	\vdash		\vdash	t
19 69 20 70 21 71 22 73 24 74 25 75 26 76 27 77 28 78 29 78 30 79 30 80 31 82 33 84 35 85 36 86 37 88 39 89 40 90 41 91 42 92 43 94 45 95 46 96 47 97 48 99 49 99			Ħ				T		Ι-	┱	\vdash	1		68			\vdash	\vdash	┢		┢	t
20 70 21 71 22 73 24 74 25 75 26 76 27 77 28 79 30 79 30 80 31 82 33 84 35 85 36 86 37 87 38 86 37 87 38 88 39 90 41 91 42 92 43 94 45 95 46 96 47 97 48 98 49 99			Ħ	T	t		1	┢	T		\vdash	1			Н		 		_		\vdash	t
21 71 22 72 23 73 24 74 25 75 26 75 27 76 27 77 28 79 30 80 31 80 32 83 33 84 35 85 36 86 37 88 38 86 37 88 39 90 41 91 42 92 43 94 44 94 45 96 47 97 48 98 49 99			Ħ	\top	\vdash				\vdash	Т	\vdash	1		70							┢	t
22 72 23 73 24 74 25 75 26 75 27 76 28 78 29 79 30 80 31 81 32 83 33 84 35 85 36 85 37 86 37 88 39 89 40 90 41 91 42 92 43 94 44 94 45 96 46 96 47 97 48 98 49 99			Π	T	T				Π			1		71								t
24 74 25 75 26 77 27 77 28 77 29 78 30 80 31 80 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 88 40 90 41 91 42 92 43 94 44 94 45 96 47 97 48 98		22	П	1	Τ		T	Π	Γ		Γ	1		72							Г	t
24 74 25 75 26 77 27 77 28 77 29 78 30 80 31 80 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 88 40 90 41 91 42 92 43 94 44 94 45 96 47 97 48 98		23	П								П	1		73							Г	Ī
26 76 27 77 28 77 30 78 31 80 32 81 33 82 33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98			Ц]		74								Ι
27 38 77 28 78 29 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 88 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98		25	П		L									75								Ι
28 78 29 80 31 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 99			1				L		L	L	L	1									_	I
29 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99			1	_	L	_	L	_	L	_	_	1		77			<u> </u>	L		L	L	l
30	\square	28	Ш	_	_	L	<u></u>	_	_	_	L.	1		78			_		L	_		1
31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 99 99 90 91 92 93 94 95 96 97 48 99 99 99 90 91 92 94 95 96 97 48 99		29	1	4_	↓_	_		_	_	_		1		79						ᆫ	_	ļ
32 82 33 83 34 84 35 85 36 86 37 88 39 88 40 90 41 91 42 92 43 94 44 94 45 95 46 96 47 97 48 98 99 99			-	┞	┞	_		_		_	<u> </u>	1	ļ	80					_	L	_	ļ
33 83 34 84 35 85 36 86 37 88 38 87 38 88 39 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 99 99	\vdash	31	7	 	┺	<u> </u>	<u> </u>	<u> </u>	<u> </u>	_	<u> </u>	1		81	_						_	ļ
34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99	\vdash		┞	⊢	⊢	├-		⊢	⊢	┞	┞	1		82	\vdash			_			<u> </u>	ļ
35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99	\vdash	33	⊢	₩	⊬	 	-	⊢	⊢	├	-	1		83	-		\vdash	L			<u> </u>	ļ
36 86 37 88 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99	-	35	⊢	╁	┢	├	-	-	-	-	⊢	1		04				H	-	<u> </u>	<u> </u>	ł
37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99	<u> </u>		┝	\vdash	⊢	├	\vdash	-	⊢	-	\vdash	1		00							⊢	ł
38 88 39 90 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99	\vdash	37	\vdash	+	\vdash	\vdash		-	├	⊢	\vdash	ł	-	87			\vdash	\vdash	-	\vdash	\vdash	ł
39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99	$\vdash \vdash \vdash$		-	\vdash	\vdash	\vdash	H		├	 		ł		88	\vdash			\vdash		\vdash	\vdash	ł
40	\vdash		_	\vdash	t	\vdash			\vdash	\vdash	\vdash	\ \			\vdash	_	_	\vdash	\vdash	<u> </u>	\vdash	H
41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99			\vdash	I^-	T	t	Н		╁	\vdash	 	1			\dashv	-	\vdash	\vdash	\vdash	\vdash	\vdash	t
42 43 44 45 46 47 48 49	\vdash		_	一	t	<u> </u>	П	\vdash	 	\vdash	_	1			-		\vdash		-	Н	┢	t
43 93 44 94 45 95 46 96 47 97 48 98 49 99			Г	T			Г	Г				1				_		П	Т		\vdash	t
44 94 45 95 46 96 47 97 48 98 49 99			Г	Т			П	Г		Г	Γ	1		93							\vdash	t
45 95 96 96 97 97 97 98 98 99 99 99		44]		94						\Box		r
46 96 97 97 98 98 99 99 99									L]		95						Г		T
48 98 99]		96								ľ
49 99 99			Ĺ	oxdot				L]										I
	\Box		L	\vdash	_			<u> </u>		L_		Į										ſ
50	\square		L	<u> </u>	ㄴ		_	<u> </u>	<u> </u>	L	$oxed{oxed}$						\Box	L	L			Ĺ
	$\sqcup \sqcup$	50		<u> </u>				L	<u> </u>	L_	乚	J		100				L		LJ		l

Cla	im			_	<u></u>	Dat	e		_	_
Final	Original									
	51 52			T		\vdash			\vdash	
	52			Γ						Г
	53									
	53 54									
	55									
	56 57									
	57		L	_		_	<u> </u>	ļ	_	L
	58		<u> </u>	<u> </u>		_	_			L
	59 60	<u> </u>	_	<u> </u>	_	_	_	<u> </u>	<u> </u>	L
	60	<u> </u>	_	┡	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	L
	61		<u> </u>	<u> </u>	<u> </u>	⊢	<u> </u>	<u> </u>	L	┡
<u> </u>	61 62 63	<u> </u>	_	┡	_	<u> </u>	<u> </u>	<u> </u>	<u> </u>	L
	63	⊢	<u> </u>	⊢	<u> </u>	├	<u> </u>	<u> </u>	├	L
	64 65	├	-	-	 	⊢	-	├	├	⊢
_	66	⊢		├	├	 	-	⊢	\vdash	H
	67	⊢	⊢	┢	\vdash	┝	┢	├	⊢	-
	68	⊢	\vdash	⊢	├	┢	\vdash	├		-
<u> </u>	69	⊢	-	-	\vdash	-	-	⊢	\vdash	\vdash
	70	┢	H	\vdash	-	┢	-	-	\vdash	┝
 -	70 71	H	┢	\vdash	\vdash	H		 	-	┢
	72	H	\vdash	\vdash	-	┢	\vdash	\vdash	\vdash	H
	72 73 74		┢	\vdash						
	74					\vdash	Г		_	Г
	75 76		\vdash	\vdash	T	\vdash		Т	<u> </u>	
	76		Ī							Т
	77						Г			Γ
	78 79		Г							
	79									
	80									
	81									
	82									
	83			L		L				
	84		<u> </u>	<u> </u>	L					
	85					L.				L
	86		<u> </u>	_		<u> </u>	$ldsymbol{ldsymbol{ldsymbol{eta}}}$			_
	87	\vdash	<u> </u>	<u> </u>		<u> </u>	_	_	_	_
	88	L	\vdash	<u> </u>	\vdash	<u> </u>	<u> </u>	-	L_	L.
	89 90	<u> </u>	<u> </u>	├—	\vdash	├—	<u> </u>		\vdash	<u> </u>
	90		\vdash	<u> </u>	\vdash	<u> </u>	\vdash		<u> </u>	<u> </u>
-	91	<u> </u>	<u> </u>	\vdash	\vdash	-	\vdash	-	H	<u> </u>
	93	H	\vdash	\vdash	-		-	\vdash	-	<u> </u>
	94	-	-	-	\vdash	<u> </u>	\vdash	_	-	\vdash
	95	-	-	\vdash	-		\vdash		-	\vdash
-	96	-	\vdash	\vdash	\vdash	┢	\vdash	Н	<u> </u>	├-
-	97	-	\vdash	\vdash	-	┢	\vdash	H	-	\vdash
	98	H	-	\vdash		<u> </u>	\vdash		-	\vdash
	99			_	\vdash			-		
	100		\vdash	\vdash	\vdash	Η.	Η-	\vdash		\vdash

Cla	aim	Date										
								_	l			
a	ina		l	ĺ				l	l			
Final	Original							ĺ				
	0											
	101						_	\vdash	_			
	102							Г				
	101 102 103 104 105 106		Г									
	104											
	105			Г								
	106											
	107											
	108 109 110											
	109											
	110											
	111											
	112						·		Ĺ	\Box		
	113			匚			<u> </u>	匚				
	114			Ĺ			L					
	115		L					L				
	111 112 113 114 115 116 117	_		_	<u> </u>	<u> </u>	<u> </u>	<u> </u>		Ш		
	117	_				L	_	<u>_</u>	_			
	118					_	_		<u> </u>			
	119		_		_	_		L	_			
	120	_		L	<u> </u>	_		_	L_			
	121	_		_		<u> </u>	L	L.	_			
	122	_		<u> </u>	_		_	L	_			
	123	_	L	_	_	<u> </u>		_	L_	Щ		
	118 119 120 121 122 123 124 125 126 127 128 129 130 131 132		L_	_	_	_	_	L.	_			
	125		<u> </u>	L	<u> </u>	<u> </u>			_			
	126		<u> </u>	<u> </u>	<u> </u>		_	_	_			
	127	_	<u> </u>	<u> </u>	_	<u> </u>	_	_	_			
	128		<u> </u>	_	<u> </u>	┞—	<u> </u>	_	_	\vdash		
	129	-	_	⊢	├-	<u> </u>	<u> </u>					
	130		<u> </u>		 	_	-	\vdash	\vdash	_		
	133			-		-	_	⊢	\vdash	\vdash		
	132	_		H	-	-	_	-		-		
	134		\vdash	H	-	-	-					
	133 134 135		-	\vdash	\vdash	H	<u> </u>	-	\vdash	Н		
	136		\vdash	H	\vdash	-	-	H	\vdash	\vdash		
	136 137 138		\vdash	Н	Ι	\vdash	-	H	-	\vdash		
-	138	-	\vdash	\vdash	\vdash	-		Н		Н		
	139		\vdash		Н		<u> </u>			Н		
	140	-		\vdash	H	H	H	H		Н		
	141				\vdash		-	Н		H		
	142		-		\vdash	Н				\vdash		
	143											
	144				\vdash			Н	Н	\vdash		
	145	_			\vdash		<u> </u>			Н		
	146				П					Н		
	147			П					Н	\vdash		
	148			\vdash	Н				Н	\vdash		
-	149				Н			\vdash				
	150		\vdash		_		Н	-				
							_		_			